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MANUFACTURING AND TRADE INVENTORIES AND SALES August 2007

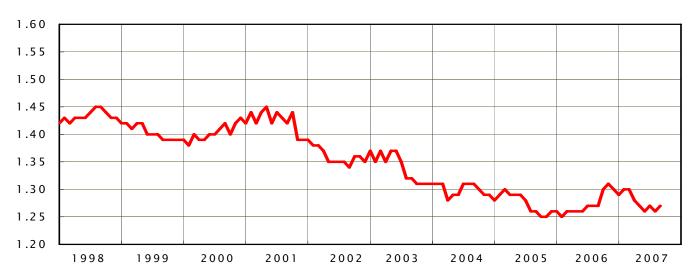
Sales. The U.S. Census Bureau announced today that the combined value of distributive trade sales and manufacturers' shipments for August, adjusted for seasonal and trading-day differences but not for price changes, was estimated at 1,119.1 billion, down 0.4 percent ($\pm 0.2\%$) from July 2007 and up 3.0 percent ($\pm 0.3\%$) from August 2006.

Inventories. Manufacturers' and trade inventories, adjusted for seasonal variations but not for price changes, were estimated at an end-of-month level of \$1,420.8 billion, up 0.1 percent $(\pm 0.1\%)^*$ from July 2007 and up 3.0 percent $(\pm 0.3\%)$ from August 2006.

Inventories/Sales Ratio. The total business inventories/sales ratio based on seasonally adjusted data at the end of August was 1.27. The August 2006 ratio was also 1.27.

Total Business Inventories/Sales Ratios: 1998 to 2007

(Data adjusted for seasonal, holiday and trading-day differences but not for price changes)



The Manufacturing and Trade Inventories and Sales Report for September is scheduled to be released November 14, 2007 at 10:00 a.m. EST.

For information, visit the Census Bureau's Web site at http://www.census.gov/bussales. This report is also available the day of issue through the Department of Commerce's STAT-USA (202-482-1986).

^{*} The 90 percent confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

Table 1. Estimated Monthly Sales and Inventories for Manufacturers, Retailers, and Merchant Wholesalers (In millions of dollars)

		Sales			Inventories ¹		Inventories/Sales Ratios				
	Aug. 2007	Jul. 2007	Aug. 2006	Aug. 2007	Jul. 2007	Aug. 2006	Aug. 2007	Jul. 2007	Aug. 2006		
	(p)	(r)	(s)	(p)	(r)	(s)					
Adjusted ²											
Total business	1,119,128	1,123,373	1,086,214	1,420,808	1,418,684	1,379,015	1.27	1.26	1.27		
Manufacturers ³ Retailers Merchant wholesalers	340,263	424,692 339,152 359,529	419,825 328,469 337,920	516,576 505,216 399,016	517,103 502,860 398,721	504,548 492,369 382,098	1.24 1.48 1.11	1.22 1.48 1.11	1.20 1.50 1.13		
Not Adjusted											
Total business	1,173,041	1,091,566	1,135,012	1,404,722	1,405,008	1,364,284	1.20	1.29	1.20		
Manufacturers ³ Retailers Merchant wholesalers	355,284	396,831 339,396 355,339	436,542 342,028 356,442	520,682 489,663 394,377	520,897 486,721 397,390	508,746 476,962 378,576	1.19 1.38 1.04	1.31 1.43 1.12	1.17 1.39 1.06		

See footnotes and notes at the end of Table 3.

Table 2. Percent Changes for Sales and Inventories -- Manufacturers, Retailers, and Merchant Wholesalers

			Adju	ısted			Not Adjusted							
		Sales		Inventories				Sales		Inventories				
	Aug. 07/	Jul. 07/	Aug. 07/	Aug. 07/	Jul. 07/	Aug. 07/	Aug. 07/	Jul. 07/	Aug. 07/	Aug. 07/	Jul. 07/	Aug. 07/		
	Jul. 07	Jun. 07	Aug. 06	Jul. 07	Jun. 07	Aug. 06	Jul. 07	Jun. 07	Aug. 06	Jul. 07	Jun. 07	Aug. 06		
Total business	-0.4	1.1	3.0	0.1	0.5	3.0	7.5	-5.1	3.4	0.0	0.2	3.0		
Manufacturers	-1.6	2.3	-0.4	-0.1	0.1	2.4	10.3	-9.8	0.3	0.0	1.3	2.3		
Retailers	0.3	0.6	3.6	0.5	1.0	2.6	4.7	-1.3	3.9	0.6	-1.3	2.7		
Merchant wholesalers	0.4	0.2	6.8	0.1	0.2	4.4	7.0	-3.1	6.6	-0.8	0.5	4.2		

⁽p) Preliminary.

⁽r) Revised.

⁽s) Adjusted data were revised due to concurrent seasonal adjustment. No revisions were made to Not Adjusted data.

Table 3. Estimated Monthly Retail Sales, Inventories, and Inventories/Sales Ratios, By Kind of Business (In millions of dollars)

			Sales			Inventories ¹			Percent Change			Inventories/Sales		
NAICS	Kind of Business							In Inventories			Ratios			
Code		Aug. 2007	Jul. 2007	Aug. 2006	Aug. 2007	Jul. 2007	Aug. 2006	Aug. 07/	Jul. 07/	Aug. 07/	Aug. 07	Jul. 07	Aug. 06	
		(p)	(r)	(s)	(p)	(r)	(s)	Jul. 07	Jun. 07	Aug. 06			-	
	Adjusted ²													
	Retail trade, total	340,263	339,152	328,469	505,216	502,860	492,369	0.5	1.0	2.6	1.48	1.48	1.50	
	Total (exd. motor veh. & parts)	262,547	263,894	253,600	342,636	342,604	331,847	0.0	0.1	3.3	1.31	1.30	1.31	
441	Motor vehicle & parts dealers	77,716	75,258	74,869	162,580	160,256	160,522	1.5	3.1	1.3	2.09	2.13	2.14	
442,3	Furniture,home furn., elect. & appl. stores	19,773	19,701	19,274	32,785	32,830	32,304	-0.1	0.8	1.5	1.66	1.67	1.68	
444	Building materials, garden equip & supplies	29,514	29,904	29,703	48,653	48,497	48,584	0.3	0.1	0.1	1.65	1.62	1.64	
445	Food & beverage stores	47,901	47,978	45,635	35,612	35,405	34,569	0.6	0.3	3.0	0.74	0.74	0.76	
448	Clothing & clothing access. stores	19,020	19,049	17,918	49,569	49,503	46,846	0.1	0.0	5.8	2.61	2.60	2.61	
452	General merchandise stores	48,573	48,445	46,063	75,971	76,206	73,744	-0.3	-0.7	3.0	1.56	1.57	1.60	
4521	Dept. strs. (excl. leased depts.).	17,545	17,592	17,526	36,821	37,045	35,962	-0.6	-0.4	2.4	2.10	2.11	2.05	
	Not Adjusted	255 204	220 200	242.020	100 550	400 701	476.060	0.5		2 -	1 20	1 40	1.20	
	Retail trade, total	355,284 269.165	339,396 259,072	342,028 258,953	489,663 338,965	486,721 334.723	476,962 328,328	0.6 1.3	-1.3 0.2	2.7 3.2	1.38 1.26	1.43 1.29	1.39 1.27	
	Total (exc. Trotol vel. & parts)	203,103	233,072	230,333	330,303	334,723	320,320	1.5	0.2	3.2	1.20	1.23	1.27	
441	Motor vehicle & parts dealers	86,119	80,324	83,075	150,698	151,998	148,634	-0.9	-4.3	1.4	1.75	1.89	1. <i>7</i> 9	
442,3	Furniture,home furn., elect. & appl. stores	20,306	18,751	19,701	32,162	32,305	31,690	-0.4	1.0	1.5	1.58	1.72	1.61	
444	Building materials, garden equip & supplies	31,036	31,473	31,597	47,875	47,915	47,709	-0.1	-2.3	0.3	1.54	1.52	1.51	
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445	Food & beverage stores	48,978	48,493	46,275	35,044	34,811	34,000	0.7	-0.7	3.1	0.72	0.72	0.73	
448	Clothing & clothing access. stores	19,207	17,134	17,957	50,213	48,810	47,549	2.9	1.4	5.6	2.61	2.85	2.65	
452	Ceneral merchandise stores	48,198	45,671	45,026	74,079	72,299	72,017	2.5	-0.3	2.9	1.54	1.58	1.60	
4521	Dept. strs. (excl. leased depts.)	17,247	15,619	16,898	35,790	34,822	34,991	2.8	0.9	2.3	2.08	2.23	2.07	

- (p) Preliminary.
- (r) Revised.
- (s) Adjusted data were revised due to concurrent seasonal adjustment. No revisions were made to Not Adjusted data.
- ¹ Inventories are on a non-LIFO basis as of the end of the month.
- ² Adjusted for seasonal variations and, in the case of sales, for trading-day differences and holiday variations. Concurrent seasonal adjustment is being used to adjust all sales, shipment and inventory estimates. Concurrent seasonal adjustment uses all available unadjusted estimates as input to the X-12-ARIMA program. The factors derived from the program are applied to the current and previous month estimates and for retail and wholesale estimates a year ago as well. For retail sales, concurrent seasonal adjustment is also used to adjust the advance estimates (published one month before the preliminary estimates) and the estimates one year before the advance month. This explains the revision to retail estimates from a year ago.
- ³ Manufacturers sales refer to the value of shipments by manufacturers. The shipments data from individual manufacturers are adjusted prior to tabulation for the number of trading days as well as for any variations in the length of the reporting period.

Note: U.S. and group totals include kinds of business not shown. The Manufacturing and Trade Inventory and Sales estimates are based on data from three surveys: the Monthly Retail Trade Survey, the Monthly Wholesale Trade Survey, and the Manufacturers' Shipments, Inventories, and Orders Survey. The sampling variability for retailers and merchant wholesalers can be used to construct a 90 percent confidence interval for the estimates. Over all possible samples, 90 percent of such intervals will cover the true estimate. These intervals are given in parentheses for the estimates on the front page. If, for example, the estimate is up 0.8 percent and the margin of sampling error is ± 1.2 percent, the 90 percent confidence interval is -0.4 percent to +2.0 percent. If the range contains 0, it is uncertain whether there was an increase or decrease. Measures of reliability for Retail and Wholesale sales and inventory levels and changes are included in the detailed monthly press releases for those Industries. Manufacturers do not contribute to estimates of sampling variability because the manufacturer's mail panel is not a probability sample from a known frame and standard errors of the industry estimates cannot be calculated. Estimates from all three surveys are also subject to nonsampling errors, which can arise in any stage of the survey. Such errors include coverage error (failure to accurately represent all population units in the sample) response errors, coding errors, and nonresponse. Although no direct measurement of these errors has been obtained, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data to minimize their influence.